[69 FR 23124, Apr. 28, 2004]

§ 180.930 Inert ingredients applied to animals; exemptions from the requirement of a tolerance.

The following materials are exempted from the requirement of a tolerance when used in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to animals:

Inert ingredients	Limits	Uses
Acetic acid (CAS Reg. No. 64–19–7)	Not more than 0.5% of pesticide formulation.	Catalyst
Acetic anhydride		Solvent, cosolvent, stabilizer
Acetyl tributyl citrate (CAS Reg. No. 77–90–7)		Component of plastic animal tags
Acetylated lanolin alcohol		Moisturizer
Alkanoic and alkenoic acids, mono- and diesters of α-hydro-ω-hydroxypoly(oxyethylene) with molecular weight (in amu) range of 200 to 6,000.		Emulsifiers
Alkyl (C_8-C_{24}) benzenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Surfactants, emulsifier, related adjuvants of surfactants
α-Alkyl (C_9-C_{18})-ω-hydroxy poly(oxyethylene): the poly(oxyethylene) content averages 2-20 moles.		Solvent, cosolvent, surfactant, and related adjuvants of surfactants
α-Alkyl (C_{12-} C_{15})-ω-hydroxypoly(oxyethylene/oxypropylene) hetero polymer in which the oxyethylene content is 8-13 moles and the oxypropylene content is 7-30 moles.		Solvent, cosolvent, surfactant, and related adjuvants of surfactants
α-Alkyl (C_8-C_{10}) hydroxypoly(oxypropylene) block polymer with polyoxyethylene; polyoxypropylene content averages 3 moles and polyoxyethylene content averages 5-12 moles.		Do.
α-Alkyl (C_6-C_{14})-ω-hydroxypoly(oxypropylene) block copolymer with polyoxyethylene; polyoxypropylene content is 1-3 moles; polyoxyethylene content is 7-9 moles; average molecular weight (in amu) approximately 635.		Surfactants, related adjuvants of surfactants
α-alkyl (C_{12}-C_{15})-ω-hydroxypoly (oxypropylene)poly (oxyethylene)copolymers (where the poly(oxypropylene) content is 3-60 moles and the poly(oxyethylene) content is 5-80 moles), the resulting ethoxylated propoxylated (C_{12}-C_{15}) alcohols having a minimum molecular weight (in amu) of 1,500, CAS Reg. No. 68551–13–3.	Not to exceed 20% of pesticide formulations	Surfactant
α-(*p*- Alkylphenyl)-ω-hydroxypoly (oxyethylene) produced by the condensation of 1 mole of alkylphenol (alkyl is a mixture of propylene tetramer and pentamer isomers and averages C_{13}) with 6 moles of ethylene oxide.		Do.
Alkyl (C_8-C_{18}) sulfate and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Do.
Amine salts of alkyl (C_8-C_{24}) benzenesulfonic acid (butylamine; dimethylamino propylamine; mono- and diisopropyl- amine; and mono-, di-, and triethanolamine).		Do.
Ascorbyl palmitate		Preservative
Attapulgite-type clay		Solid diluent, carrier
Barium sulfate (CAS Reg. No. 7727–43–7)		Carrier, density control agent
Benzoic acid		Preservative for formulations
Butane		Propellant
n-Butanol (CAS Reg. No. 71–36–3)		Solvent for blended emulsifiers
Butylated hydroxyanisole		Antioxidant
Butylated hydroxytoluene		Do.

Inert ingredients	Limits	Uses
α-(*p-tert-* Butylphenyl)-ω-hydroxypoly (oxyethylene) mixture of dihydrogen phosphate and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; the poly(oxyethylene) content averages 4-12 moles.	.....	Surfactants, related adjuvants of surfactants
Calcium carbonate	.....	Solid diluent, carrier
Calcium chloride	.....	Stabilizer
Calcium silicate, hydrated calcium silicate	.....	Anticaking agent, solid diluent, carrier
Calcium stearate (CAS Reg. No. 1592–23–0)	.....	Stabilizer, component of plastic animal tag
Calcium sulfate	.....	Solid diluent, carrier
Calcium and sodium salts of certain sulfonated petroleum fractions (mahogany soaps); calcium salt molecular weight (in amu) 790-1,020, sodium salt molecular weight (in amu) 400-500.	.....	Surfactants, related adjuvants of surfactants
Carbon black (CAS Reg. No. 1333–86–4)	.....	Colorant/pigment in animal tag
Carnauba wax (CAS Reg. No. 8015–86–9)	.....	Binder
Carrageenan, conforming to 21 CFR 172.620	Minimum molecular weight (in amu): 100,000.	Thickener
Cumene (isopropylbenzene)	.....	Solvent, cosolvent
Cyclohexanone	.....	Do.
D&C Green No. 6	.....	Dye, coloring agent
D&C Red No. 17	.....	Do.
D&C Violet No. 2	.....	Do.
Diacetyl tartaric acid esters of mono- and diglycerides of edible fatty acids.	.....	Emulsifier
Dialkyl (C_8-C_{18}) dimethylammonium chloride	Not more than 0.2% in silica hydrated silica.	Flocculating agent in the manufacture of silica hydrated silica for use as a solid diluent, carrier
Diatomite (diatomaceous earth)	.....	Solid diluent, carrier
Dibutyltin dilaurate (CAS Reg. No. 77–58–7)	.....	Component of plastic slow release tag
Dichlorodifluoromethane	.....	Propellant
Diethylphthalate	.....	Solvent, cosolvent
1,1-Difluoroethane (CAS Reg. No. 75–37–6)	For aerosol pesticide formulations used for insect control in food- and feed-handling establishments and animals.	Aerosol propellant
Dimethyl ether (CAS Reg. No. 115–10–6)	.....	Propellant
3,6-Dimethyl-4-octyne-3,6-diol	Not more than 2.5% of pesticide formulation.	Surfactants, related adjuvants of surfactants
Dimethylpolysiloxane (CAS Reg. No. 9016–00–6).	.....	Defoaming agent
α-(*o,p*-Dinonylphenyl)-ω-hydroxypoly (oxyethylene) mixture of dihydrogen phosphate and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4-14 moles.	.....	Surfactants, related adjuvants of surfactants
α-(*o,p*-Dinonylphenyl)-ω-hydroxypoly (oxyethylene), produced by the condensation of 1 mole of dinonylphenol (nonyl group is a propylene trimer isomer) with an average of 4-14 moles of ethylene oxide.	.....	Do.
Dipropylene glycol monomethyl ether	.....	Do.
Dodecylbenzenesulfonic acid, amine salts	.....	Do.
α-(*p*-Dodecylphenyl)-ω-hydroxypoly (oxyethylene) produced by the condensation of 1 mole of dodecylphenol (dodecyl group is a propylene tetramer isomer) with an average of 4-14 or 30-70 moles of ethylene oxide; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 4-14 or 30-70 moles.	.....	Surfactants, emulsifier
Epoxidized soybean oil (CAS Reg. No. 8013–07–8).	.....	Stabilizer, plasticizer, component animal tag

Inert ingredients	Limits	Uses
Ethyl alcohol		Solvent, cosolvent
Ethylene oxide adducts of 2,4,7,9-tetramethyl-5-decynediol, the ethylene oxide content averages 3.5, 10, or 30 moles.		Surfactants, related adjuvants of surfactants
2-Ethyl-1-hexanol	Not more than 2.5% of pesticide formulation.	Solvent, adjuvant of surfactants
Ethyl vinyl acetate (CAS Reg. No. 24937–78–8)		Component of plastic slow release tag
FD&C Blue No. 1		Dye, coloring agent
FD&C Yellow No. 6 Aluminum Lake (CAS Reg. No. 15790–07–5).	Not more than 2% by weight of pesticide formulation.	Pigment in animal tag and similar slow-release devices
Glycerol (glycerin)	Meets specifications of Food Chemicals Codex.	Solvent and thickener
Glycerol monooleate		Surfactants, related adjuvants of surfactants
Glyceryl monostearate		Emulsifier
Glyceryl tris-12-hydroxystearate		Flow control agent
Graphite		Solid diluent, carrier
n-Hexyl alcohol (CAS Reg. No. 111–27–3)		Solvent, cosolvent
2-(2′-Hydroxy-5′-methylphenyl)benzotriazole (CAS Reg. No. 2440–22–4).	Not more than 0.5% by weight of pesticide formulation.	Ultraviolet light absorber/stabilizer in animal tag and similar slow-release devices
Iron oxide (CAS Reg. No. 1309–37–1)		Colorant in pesticide formulations for animal tags
Isopropyl alcohol		Solvent, cosolvent
4,4′-Isopropylidenediphenol alkyl (C_{12}-C_{15}) phosphites (CAS Reg. No. 92908–32–2).	Not to exceed 1% of polymer.	Stabilizer, component animal tag
Isopropyl myristate, CAS Reg. No. 110–27–0		Solvent
Kaolinite-type clay		Solid diluent, carrier
Kerosene, U.S.P. reagent		Solvent, cosolvent
Lactic acid		Solvent
Lactic acid, n-propyl ester, (S); (CAS Reg. No. 53651–69–7).		Solvent
α-Lauryl-ω-hydroxypoly(oxyethylene), average molecular weight (in amu) of 600.		Emulsifier
α-Lauryl-ω-hydroxypoly(oxyethylene) sulfate, sodium salt; the poly(oxyethylene) content is 3-4 moles.		Surfactants, related adjuvants of surfactants
Lignosulfonate: ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Surfactants, related adjuvants of surfactants
d-Limonene (CAS Reg. No. 5989–27–5)		Solvent, fragrance
Magnesium carbonate		Solid diluent, carrier
Magnesium silicate, hydrated magnesium silicate.		Do.
Manganous oxide		Do.
Methyl alcohol		Solvent, cosolvent
Methyl *n*-amyl ketone (CAS Reg. No. 110–43–0)		Solvent, cosolvent
α-(Methylene (4-(1,1,3,3-tetramethylbutyl)-*o*-phenylene) bis-ω-hydroxypoly(oxyethylene) having 6-7.5 moles of ethylene oxide per hydroxyl group.		Surfactants, related adjuvants of surfactants
Methyl esters of higher fatty acids conforming to 21 CFR 573.640.		Antidusting agent
Methyl-*p*-hydroxybenzoate (Methyl paraben)	Meets specifications of Food Chemicals Codex; not to exceed 0.1% in formulations.	Preservative
Methyl isobutyl ketone		Solvent, cosolvent
2-[Methyl [(perfluoroalkyl)alkyl(C_2-C_8)sulfonyl] amino]alkyl(C_2-C_8) acrylate—alkyl(C_2-C_8) methacrylates-*N*-methylolacrylamide copolymer.		Water repellant agent
Mineral oil, U.S.P., or conforming to 21 CFR 172.878 or 178.3620(a), (b).		Solvent, diluent
Mono-, di-, and trimethylnaphthalenesulfonic acids-formaldehyde condensates, sodium salts.	Not to exceed 0.006% in final formulation.	Dispersing-wetting agent in dip vat operations for large animals, such as cattle
Montmorillonite-type clay		Solid diluent, carrier
Naphthalenesulfonic acid and its sodium salt		Surfactants, related adjuvants of surfactants
Nitrile rubber modified acrylonitrile methylacrylate (CAS Reg. No. 27012–62–0) conforming to 21 CFR 177.1480.		Component of plastic slow release tag

Inert ingredients	Limits	Uses
Nonyl, decyl, and undecyl glycoside mixture with a mixture of nonyl, decyl, and undecyl oligosaccharides and related reaction products (primarily decanol and undecanol) produced as an aqueous-based liquid (50 to 65% solids) from the reaction of primary alcohols (containing 15 to 20% secondary alcohol isomers) in a ratio of 20% C_9, 40% C_{10}, and 40% C_{11} with carbohydrates (average glucose to alkyl chain ratio 1.3 to 1.8).	.....	Surfactant
α-(*p*-Nonylphenyl)-ω-hydroxypoly(oxyethylene) mixture of dihydrogen phosphate and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4-14 moles.	.....	Surfactants, related adjuvants of surfactants
α-(*p*-Nonylphenyl)-ω-hydroxypoly(oxyethylene) produced by the condensation of 1 mole of nonylphenol (nonyl group is a propylene trimer isomer) with an average of 4-15 or 30-90 moles of ethylene oxide; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 4-15 or 30-90 moles.	.....	Surfactants, emulsifier, related adjuvants of surfactants.
α-(*p*-Nonylphenyl)-ω-hydroxypoly(oxyethylene) sulfate, and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4 moles.	.....	Surfactants, related adjuvants of surfactants
α-(*p*-Nonylphenyl)-ω-hydroxypoly(oxyethylene) sulfate, and its ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4-14 or 30-90 moles of ethyiene oxide.	.....	Surfactants, related adjuvants of surfactants
Octadecyl 3,5-di-*tert*-butyl-4-hydroxyhydro cinnamate (CAS Reg. No. 2082–79–3).	Not more than 0.5% by weight of pesticide formulation.	Thermal stabilizer/antioxidant in animal tag and similar slow-release devices
Octyl and decyl glucosides mixture with a mixture of octyl and decyl oligosaccharides and related reaction products (primarily *n*-decanol) produced as an aqueous-based liquid (68-72% solids) from the reaction of straight chain alcohols (C_8(45%), C_{10}) with anhydrous glucose.	.....	Do.
Octyl epoxytallate (CAS Reg. No. 61788–72–5)	.....	Plasticizer, component animal tag
Oleic acid, conforming to 21 CFR 172.862 (CAS Reg. No. 112–80–1).	.....	Defoaming agent
α-Oleoyl-ω-hydroxypoly(oxyethylene), average molecular weight (in amu) of 600.	.....	Emulsifier
α-Oleoyl-ω-(oleyloxy)poly(oxyethylene) derived from α-hydro-ω-hydroxypoly(oxyethylene), molecular weight (in amu) 600.	.....	Emulsifier, defoaming agent
Oxidized pine lignin, sodium salt (CAS Reg. No. 68201–23–0).	Maximum of 2% of formulation.	Surfactant, related adjuvant of surfactant
Paraformaldehyde	Not more than 2% of pesticide formulation.	Preservative for formulation
Petroleum hydrocarbons, light, odorless, conforming to 21 CFR 172.884 or 178.3650.	.....	Solvent, diluent
Petroleum hydrocarbons, synthetic isoparaffinic, conforming to 21 CFR 172.882 or 178.3530.	.....	Do.
Phenol	.....	Solvent, cosolvent
Pine lignin	.....	Adsorbent
α-Pinene	Not more than 2% of formulation by weight.	Stabilizer
Polyethylene (CAS Reg. No. 9002–88–4) conforming to 21 CFR 172.615.	.....	Component of plastic slow release tag

Inert ingredients	Limits	Uses
Polyethylene esters of fatty acids, conforming to 21 CFR 172.854.	.....	Surfactants, related adjuvants of surfactants
Polyethylene glycol [α-hydro-ω-hydroxypoly(oxyethylene)]; mean molecular weight (in amu) 194 to 9,500 conforms to 21 CFR 178.3750.	.....	Surfactants, related adjuvants of surfactants
Polyglyceryl phthalate esters of coconut oil fatty acids.	.....	Do.
Poly(methylene-*p*-*tert*-butylphenoxy)poly(oxyethylene) ethanol; the poly(oxyethylene) content averages 4-12 moles.	.....	Do.
Poly(methylene-*p*-nonylphenoxy)poly(oxyethylene) ethanol; the poly(oxyethylene) content averages 4-12 moles.	.....	Do.
Poly(methylene-*p*-nonylphenoxy)poly(oxypropylene) propanol; the poly(oxypropylene) content averages 4-12 moles.	.....	Do.
Potassium hydroxide	Meeting Food Chemicals, Codex specifications.	Neutralizer
Propane	.....	Propellant
n-Propanol	.....	Solvent, for blended emulsifiers
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate and methyl 2-methyl-2-propenoate, ammonium salt (CAS Registration No. 55989–05–4), minimum number average molecular weight (in amu), 18,900.	.....	Encapsulating agent,dispensers, resins, fibers and beads
Propylene glycol	.....	Solvent, cosolvent
Propylene glycol monomethyl ether	.....	Deactivator, emmolient
Propyl gallate	.....	Antioxidant
Propyl *p*-hydroxybenzoate (Propyl paraben)	Meets specifications of Food Chemicals Codex; not to exceed 0.1% in formulations.	Preservative
Pyrophylite	.....	Solid diluent, carrier
Rhodamine B	Expires December 27, 2004..	Dye for use in ear tags only
Secondary alkyl (C_{11}-C_{15}) poly(oxyethylene) acetate, sodium salt; the ethylene oxide content averages 5 moles.	.....	Surfactant
Silica, hydrated silica	.....	Anticaking agent, solid diluent, carrier
Silica aerogel (finely powdered microcellular silica foam having a minimum silica content of 89.5%).	.....	Component of antifoaming agent
Soapstone	.....	Solid diluent
Sodium benzoate (CAS Reg. No. 532–32–1)	.....	Anticaking agent/stabilizer/preservative
Sodium butylnaphthalenesulfonate	.....	Not more than 0.5% of pesticide formulation
Sodium diisobutylnaphthalenesulfonate	.....	Surfactants, related adjuvants of surfactants
Sodium dioctylsulfosuccinate	.....	Do.
Sodium hydroxide	.....	Neutralizer
Sodium isopropylisohexylnaphthalenesulfonate	.....	Surfactants, related adjuvants of surfactants
Sodium isopropylnaphthalenesulfonate	.....	Do.
Sodium monoalkyl and diakyl (C_8-C_{13}) phenoxybenzenedisulfonate mixtures containing not less than 70% of the monoalkylated product.	.....	Do.
Sodium mono- and dimethylnaphthalenesulfonate, molecular weight (in amu) 245-260.	.....	Do.
Sodium mono-, di-, and tributylnaphthalenesulfonates.	.....	Solvent, cosolvent stabilizer
Sodium *N*-oleoyl-*N*-methyl taurine	Not more than 1% of pesticide formulations.	Surfactant
Sodium starch glycolate (CAS Reg. No. 9063–38–1).	Granular and tableted products only; not to exceed 8% of the formulated product.	Disintegrant
Sodium sulfate	.....	Solid diluent, carrier

Inert ingredients	Limits	Uses
Sorbitan fatty acid esters (fatty acids limited to C_{12}, C_{14}, C_{16}, and C_{18} containing minor amounts of associated fatty acids) and poly(oxyethylene) derivatives of sorbitan fatty acid esters; the poly(oxyethylene) content averages 16-20 moles.		Buffering agent; corrosion inhibition
Sorbitol		Antidusting agent.
Soy protein, isolated	Expires May 24, 2005.	Adhesive
Stearic acid (CAS Reg. No. 57–11–4)		Lubricant, component animal tag
α-Stearoyl-ω-hydroxypoly(oxyethylene), average molecular weight (in amu) of 600.		Emulsifier
α-Stearoyl-ω-hydroxypoly(oxyethylene); the poly(oxyethylene) content averages 8, 9, or 40 moles; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be 8, 9, or 40.		Surfactants; related adjuvants of surfactants
Sulfur (CAS Reg. No. 7704–34–9)		Stabilizer
Talc		Do.
Tall oil; fatty acids not less than 58%, rosin acids not more than 44%, unsaponifiables not more than 8%.		Surfactants, related adjuvants of surfactants
Tartrazine		Dye, coloring agent
α-[*p*-(1,1,3,3-Tetramethylbutyl)phenyl]-ω-hydroxypoly(oxyethylene) produced by the condensation of 1 mole of *p* (1,1,3,3-tetramethylbutyl)phenol with a range of 1-14 or 30-70 moles of ethylene oxide: if a blend of products is used, the average range number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 1-14 or 30-70.		Surfactants, related adjuvants of surfactants
α-[*p*-(1,1,3,3-Tetramethylbutyl)phenyl]-ω-hydroxypoly(oxyethylene) produced by the condensation of 1 mole of *p*-(1,1,-3,3-tetramethylbutyl) phenol with an average of 4-14 or 30-70 moles of ethylene oxide; if a blend of products is used, the average number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 4-14 or 30-70.		Surfactants, related adjuvants of surfactants
2,4,7,9-Tetramethyl-5-decyne-4.7-diol	Not more than 2.5% of pesticide formulation.	Do.
Titanium dioxide (CAS Reg. No. 13463–67–7)		Pigment/colorant in pesticide formulations for animal tag
Toluenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Do.
Triacetin (glyceryl triacetate)		Solvent, cosolvent
Tri-*tert*-butylphenol polyglycol ether (molecular weight (in amu) 746).		Dispersing agent
1,1,1-Trichloroethane		Solvent, cosolvent
Trichlorofluoromethane		Propellant
Tridecylpoly(oxyethylene) acetate sodiums salt; where the ethylene oxide content averages 6-7 moles.		Surfactants, related adjuvants of surfactants
Triethylene glycol diacetate (CAS Reg. No. 111–21–7).	For use on beef cattle only	Solvent
Trisodium phosphate		Precipitant, buffer, filler
Wheat shorts	Expires May 24, 2005.	Solid diluent
Wood rosin acid, potassium salts, conforming to 21 CFR 178.3870.		Surfactants, related adjuvants of surfactants
Xylene		Solvent, cosolvent
Xylenesulfonic acid and its ammonium, calcium, magnesium, potassium, sodium, and zinc salts.		Surfactants, related adjuvants of surfactants
Zinc oxide		Solid diluent, carrier
Zinc stearate, conforming to 21 CFR 182.5994 and 582.5994.		Water repellant, dessicant, and coating agent.
Zinc stearate (CAS Reg. No. 557–05–1)		Water repellant, desiccant, and coating agent; stabilizer, component of plastic animal tag
Zinc sulfate (basic and monohydrate)		Water repellant, dessicant, and coating agent

[69 FR 23130, Apr. 28, 2004, as amended at 69 FR 29894, May 26, 2004; 69 FR 34949, June 23, 2004]

§ 180.940 Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations (Food-contact surface sanitizing solutions).

Residues of the following chemical substances are exempted from the requirement of a tolerance when used in accordance with good manufacturing practice as ingredients in an antimicrobial pesticide formulation, provided that the substance is applied on a semi-permanent or permanent food-contact surface (other than being applied on food packaging) with adequate draining before contact with food.

(a) The following chemical substances when used as ingredients in an antimicrobial pesticide formulation may be applied to: Food-contact surfaces in public eating places, dairy-processing equipment, and food-processing equipment and utensils.

Pesticide Chemical	CAS Reg. No.	Limits
Acetic acid	64–19–7	When ready for use, the end-use concentration is not to exceed 290 ppm
α-Alkyl(C_{10}-C_{14})-ω-hydroxypoly (oxyethylene) poly(oxypropylene) average molecular weight (in amu), 768 to 837	None	None
α-Alkyl(C_{12}-C_{18})-ω-hydroxypoly (oxyethylene) poly(oxypropylene) average molecular weight (in amu), 950 to 1120	None	None
Ammonium chloride	12125–02–9	When ready for use, the end-use concentration is not to exceed 48 ppm
Ethanol	64–17–5	None
Ethylenediaminetetraacetic acid (EDTA), tetrasodium salt	64–02–8	None
Hydrogen peroxide	7722–84–1	When ready for use, the end-use concentration is not to exceed 91 ppm
Hypochlorous acid, sodium salt	7681–52–9	When ready for use, the end-use concentration of all hypochlorous acid chemicals in the solution is not to exceed 200 ppm determined as total available chlorine
Iodine	7553–56–2	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Magnesium oxide	1309–48–4	None
Methylene blue	61–73–4	When ready for use, the end-use concentration is not to exceed 0.4 ppm
α-(p-Nonylphenyl)-ω-hydroxypoly (oxyethylene) average poly(oxyethylene) content 11 moles)	None	None
Octadecanoic acid, calcium salt	1592–23–0	None
1-Octanesulfonic acid, sodium salt	5324–84–5	When ready for use, the end-use concentration is not to exceed 46 ppm
Octanoic acid	124–07–2	When ready for use, the end-use concentration is not to exceed 52 ppm
Oxirane, methyl-, polymer with oxirane, minimum molecular weight (in amu), 1900	9003–11–6	None
Peroxyacetic acid	79–21–0	When ready for use, the end-use concentration is not to exceed 58 ppm
Peroxyoctanoic acid	33734–57–5	When ready for use, the end-use concentration is not to exceed 52 ppm
Phosphonic acid, (1-hydroxyethylidene)bis-	2809–21–4	When ready for use, the end-use concentration is not to exceed 14 ppm
Phosphoric acid, trisodium salt	7601–54–9	When ready for use, the end-use concentration is not to exceed 5916 ppm
Potassium bromide	7758–02–3	When ready for use, the end-use concentration is not to exceed 46 ppm total available halogen
Potassium iodide	7681–11–0	When ready for use, the total end-use concentration of all iodide-producing chemicals in the solution is not to exceed 25 ppm of titratable iodine
Potassium permanganate	7722–64–7	When ready for use, the end-use concentration is not to exceed 0.7 ppm
2-Propanol (isopropanol)	67–63–0	None